

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please amend the claims as follows:

1. (Currently Amended) A hand-held device comprising:
  - a circuit board;
  - a processor means attached to said circuit board;
  - a ~~tracking means~~ movement sensing means for sensing movements of the device in more than one plane of motion wherein the ~~tracking means~~ movement sensing means contains [[an]] a single accelerometer chip, having one force sensitive axis, mounted at a non-perpendicular angle with respect to the circuit board.
2. (Original) A hand held device as recited in claim 1 wherein the device is a personal digital assistant (PDA).
3. (Currently Amended) A hand held device as recited in claim 1 wherein ~~the tracked movements~~ the movements sensed by the movement sensing means are used to control a display.
4. (Currently Amended) A hand held device as recited in claim 1 wherein the non-perpendicular angle ~~formed~~ between the single accelerometer chip and the circuit board is around 19 degrees.
5. (Currently Amended) A hand held device as recited in claim 1 further comprising a display, wherein motion of said hand held device controls an orientation of an object viewed on said display, wherein an orientation of a certain portion displayed is redefined in response to a request by a user.
6. (Cancelled)

7. (Currently Amended) A method as recited in claim 24 wherein ~~the accelerometer chip is mounted at an angle of 19 degrees with respect to the circuit board~~ the angle is around 19 degrees.

8. (Currently Amended) A ~~method~~ device as recited in claim ~~[[24]]~~ 22 wherein the accelerometer ~~chip detects~~ senses acceleration in ~~more than one plane~~ a plurality of non-parallel planes of motion.

9. (Currently Amended) A method as recited in claim 24 further comprising separating a control of an object viewer from a sensed ~~wherein a scalability feature is controlled by user input separate from tracked movement of a display device,~~ wherein said display device includes said circuit board.

10-13. (Cancelled)

14. (Currently Amended) A method as recited in claim 24 wherein the accelerometer chip produces signals used to control an electrical device.

15. (Previously Presented) A method as recited in claim 14 wherein the device is a hand-held computer.

16. (Withdrawn) A hand-held device comprising; a circuit board that contains a slanted surface; and an accelerometer chip mounted on said slanted surface.

17. (Withdrawn) A hand-held device as in claim 16 wherein the slanted surface allows components of motion to be detected in more than one plane.

18. (Withdrawn) A hand-held device as in claim 16, wherein the device is a hand-held personal digital assistant (PDA).

19. (Cancelled)

20. (Withdrawn) A hand-held device as recited in claim 16 wherein the hand-held device has handwriting recognition capability.

21. (Withdrawn) A hand-held device as recited in claim 16 wherein the slanted surface is a first slanted surface, further comprising:

a second slanted surface wherein an accelerometer is mounted to the second slanted surface.

22. (Currently Amended) A device comprising:

a circuit board; and

[[an]] a single accelerometer mounted to the circuit board at ~~a first non-perpendicular~~ angles with respect to X and Y planes and ~~at a second angle with respect to a Z-axis~~ each of X, Y, and Z axes;

~~wherein the first angle and the second angle are elected to reduce the Z footprint of the device.~~

wherein the single accelerometer senses motion in X, Y, and Z directions.

23. (Currently Amended) The device of claim 22 wherein the ~~first angle and the second angle~~ angles are selected such as to reduce the ~~Z~~ a footprint of the device in a direction perpendicular to the circuit board.

24. (Currently Amended) A method comprising:

providing a circuit board; and

mounting [[an]] a single accelerometer chip on the circuit board at an angle, said accelerometer chip having one force sensitive axis;

wherein the said angle ~~formed between the circuit board and the accelerometer~~ is acute;

wherein the accelerometer chip senses movements in more than one plane of motion.